

Electronic Acknowledgement Receipt

| | |
|---|---|
| EFS ID: | 4984227 |
| Application Number: | 10781951 |
| International Application Number: | |
| Confirmation Number: | 4445 |
| Title of Invention: | Transmit diversity and spatial spreading for an OFDM-based multi-antenna communication system |
| First Named Inventor/Applicant Name: | J. Rodney Walton |
| Customer Number: | 23696 |
| Filer: | Ross L Franks/Gina Golia |
| Filer Authorized By: | Ross L Franks |
| Attorney Docket Number: | 040235 |
| Receipt Date: | 17-MAR-2009 |
| Filing Date: | 18-FEB-2004 |
| Time Stamp: | 17:09:10 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-----------------|
| Submitted with Payment | yes |
| Payment Type | Deposit Account |
| Payment was successfully received in RAM | \$180 |
| RAM confirmation Number | 12279 |
| Deposit Account | 170026 |
| Authorized User | |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|--|------------------------------------|---|------------------|------------------|
| 1 | Information Disclosure Statement (IDS) Filed (SB/08) | 040235_2009-03-08_SIDS_SIG_NED.pdf | 4164555 6e7032ca0b0ac9882f1c8a2589427cd4bed9fa9f | no | 4 |

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

| | | | | | |
|---|------------------------|--------------|---|----|---|
| 2 | Fee Worksheet (PTO-06) | fee-info.pdf | 30206 2e670dbeff593d8c32745d433f95ad561a198a72 | no | 2 |
|---|------------------------|--------------|---|----|---|

Warnings:

Information:

| | |
|------------------------------|---------|
| Total Files Size (in bytes): | 4194761 |
|------------------------------|---------|

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.